

§ 45.193 Towboat power requirements.

The towing vessel must meet the following requirements:

(a) *General.* The towing vessel must have adequate horsepower to handle the tow, but not less than the amount specified for the routes below.

(b) *Milwaukee and St. Joseph routes:* a minimum of 1,000 HP.

(c) *Muskegon route:* a minimum of 1,500 HP.

§ 45.195 Additional equipment requirements for the Muskegon route.

Towboats on the Muskegon route must meet these additional equipment requirements:

(a) *Communication equipment.* Two independent voice communication systems in operable condition, such as Very High Frequency (VHF) radio, radiotelephone, or cellular phone. At least two persons aboard the vessel must be capable of using the communication systems.

(b) *Cutting gear.* Equipment that can quickly cut the towline at the towing vessel. The cutting gear must be in operable condition and appropriate for the type of towline being used, such as wire, polypropylene, or nylon. At least two persons aboard the vessel must be capable of using the cutting gear.

§ 45.197 Operational plan requirements for the Muskegon route.

Towing vessels on the Muskegon route must have aboard an operational plan that is available for ready reference by the master. The plan must include the following:

(a) The cargo limitations, the general operational requirements, and the special operational requirements of this subpart.

(b) A list of mooring and docking facilities (with phone numbers) in St. Joseph, Holland, Grand Haven, and Muskegon, that can accommodate the tow.

(c) A list of towing firms (with phone numbers) that have the capability to render assistance to the tow, if required.

(d) Guidelines for possible emergency situations, such as barge handling under adverse weather conditions, and other emergency procedures.

APPENDIX A TO PART 45—LOAD LINE
CERTIFICATE FORM

GREAT LAKES LOAD LINE CERTIFICATE

No. _____

Issued under the authority of the Commandant, U.S. Coast Guard, United States of America, under the provisions of the Act of August 27, 1933, as amended to establish load lines on the Great Lakes of North America and the Load Line regulations in force on _____, 19____, By _____, duly authorized by the Commandant to issue said load line certificate.

Ship _____
Certificate No. _____
Official No. _____
Length (LBP) _____
Gross tonnage _____
Port of registry _____

Type of Ship:

TYPE "A"

TYPE "B"

TYPE "B" with increased freeboard

FREEBOARD FROM DECK LINE

Midsummer	MS
Summer	S
Intermediate	I
Winter	W

LOAD LINE

..... above S
Upper edge of line through center of diamond
below S
below S

Increase for salt water for all freeboards
_____ inches.

The upper edge of the deck line from which these freeboards are measured is _____ inches above or below the top of the _____ deck at side.

This is to certify that this ship has been surveyed and the freeboards and load lines shown above have been found to be correctly marked upon the vessel in manner and location as provided by the load line regulations of the Commandant, U.S. Coast Guard, applicable to the Great Lakes.

This certificate¹ remains in force until _____, Issued at _____ on the _____ day of _____, 19____.
(Here follows the signature, seal, if any, and the name of the authority issuing the certificate.)

NOTES

(1) In accordance with the Great Lakes Load Line Regulations the diamond and

¹Upon the expiration of the certificate, renewal must be obtained as provided by the Great Lakes Load Line Regulations and the certificate so endorsed.